

09/18/01  
U.S. PTO

09/19/01

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Please type a plus sign (+) inside this box ☒ Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | 111390-136                                  |
| First Inventor         | Bernard                                     |
| Title                  | Interface Component for a Positioning ..... |
| Express Mail Label No. | EL540703448US                               |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 37]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
- Oath or Declaration [Total Pages     ]
  - ☐ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
  - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents,  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement of Attorney  
*(when there is an assignee)*
- ☐ English Translation Document *(if applicable)*
- ☐ Information Disclosure Statement (IDS)/PTO-1449
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
- ☐ Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

|  |                                     |   |   |
|--|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> Continuation | <input type="checkbox"/> Divisional | <input type="checkbox"/> Continuation-in-part (CIP) | of prior application No.: <u>60 / 233,799</u> |
| Prior application information:                   |                                     | Examiner: <u>N/A</u>                                | Group Art Unit: <u>N/A</u>                    |

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

|  |  |           |   |
|--|--|-----------|---|
| <input type="checkbox"/> Customer Number or Bar Code Label | <b>23483</b><br><i>(Insert Customer No. or Attach bar code label here)</i> | or        | <input type="checkbox"/> Correspondence address below |
| Name   | Joseph F. Haag   |           |   |
| Address  | Hale and Dorr LLP<br>60 State Street                                       |           |   |
| City   | Boston   | State     | MA  |
| Country  | United States  | Telephone | 617-526-6042  |
|  |  | Fax       | 617-526-5000  |

|                   |                       |                                   |                |
|-------------------|-----------------------|-----------------------------------|----------------|
| Name (Print/Type) | Joseph F. Haag        | Registration No. (Attorney/Agent) | 42,612         |
| Signature         | <i>Joseph F. Haag</i> | Date                              | Sept. 18, 2001 |

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PTO/SB/17 (11-00)

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 1,416

## Complete if Known

|                      |                |
|----------------------|----------------|
| Application Number   | TBD            |
| Filing Date          | Sept. 18, 2001 |
| First Named Inventor | Marc Bernard   |
| Examiner Name        | TBD            |
| Group Art Unit       | TBD            |
| Attorney Docket No.  | 111390-136     |

## METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 08-0219  
Deposit Account Name Hale and Dorr LLP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 710                    | 201 355                    | Utility filing fee     | \$710    |
| 106 320                    | 206 160                    | Design filing fee      |          |
| 107 490                    | 207 245                    | Plant filing fee       |          |
| 108 710                    | 208 355                    | Reissue filing fee     |          |
| 114 150                    | 214 75                     | Provisional filing fee |          |

SUBTOTAL (1) (\$ ) 710

## 2. EXTRA CLAIM FEES

Extra Claims Fee from below Fee Paid  
Total Claims 37 - 20\*\* = 17 x 18 = \$306  
Independent Claims 8 - 3\*\* = 5 x 80 = \$400  
Multiple Dependent 0 = 0

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 103 18                     | 203 9                      | Claims in excess of 20                                     |
| 102 80                     | 202 40                     | Independent claims in excess of 3                          |
| 104 270                    | 204 135                    | Multiple dependent claim, if not paid                      |
| 109 80                     | 209 40                     | ** Reissue independent claims over original patent         |
| 110 18                     | 210 9                      | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 706

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130                    | 205 65                     | Surcharge - late filing fee or oath  |          |
| 127 50                     | 227 25                     | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130                    | 139 130                    | Non-English specification  |          |
| 147 2,520                  | 147 2,520                  | For filing a request for ex parte reexamination                            |          |
| 112 920*                   | 112 920*                   | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*                 | 113 1,840*                 | Requesting publication of SIR after Examiner action                        |          |
| 115 110                    | 215 55                     | Extension for reply within first month                                     |          |
| 116 390                    | 216 195                    | Extension for reply within second month                                    |          |
| 117 890                    | 217 445                    | Extension for reply within third month                                     |          |
| 118 1,390                  | 218 695                    | Extension for reply within fourth month                                    |          |
| 128 1,890                  | 228 945                    | Extension for reply within fifth month                                     |          |
| 119 310                    | 219 155                    | Notice of Appeal   |          |
| 120 310                    | 220 155                    | Filing a brief in support of an appeal                                     |          |
| 121 270                    | 221 135                    | Request for oral hearing   |          |
| 138 1,510                  | 138 1,510                  | Petition to institute a public use proceeding                              |          |
| 140 110                    | 240 55                     | Petition to revive - unavoidable   |          |
| 141 1,240                  | 241 620                    | Petition to revive - unintentional   |          |
| 142 1,240                  | 242 620                    | Utility issue fee (or reissue)   |          |
| 143 440                    | 243 220                    | Design issue fee   |          |
| 144 600                    | 244 300                    | Plant issue fee  |          |
| 122 130                    | 122 130                    | Petitions to the Commissioner  |          |
| 123 50                     | 123 50                     | Processing fee under 37 CFR 1.17(q)  |          |
| 126 180                    | 126 180                    | Submission of Information Disclosure Stmt                                  |          |
| 581 40                     | 581 40                     | Recording each patent assignment per property (times number of properties) |          |
| 146 710                    | 246 355                    | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 710                    | 249 355                    | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179 710                    | 279 355                    | Request for Continued Examination (RCE)                                    |          |
| 169 900                    | 169 900                    | Request for expedited examination of a design application                  |          |

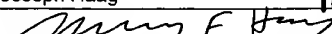
Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$ ) 0

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

## Complete (if applicable)

|                   |   |                                   |         |           |              |
|-------------------|---|-----------------------------------|---------|-----------|--------------|
| Name (Print/Type) | Joseph Haag   | Registration No. (Attorney/Agent) | 42,612  | Telephone | 617-526-6042 |
| Signature         |  | Date                              | 9-18-01 |           |              |

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Certificate of Mailing under 37 CFR 1.10

Express Mail

I hereby certify that the documents listed below are being deposited with the United States Postal Services on 9/18/01, in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. EL540703448US addressed to Box Patent Application, Commissioner of Patents & Trademarks, Washington, CD 20231.



Signature



Printed name of person signing

**Submitted Documents:**

1. Utility Patent Application Transmittal
2. Fee Transmittal Form
3. Application Data Sheet
4. Application and Drawings
5. Return Postcard

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